

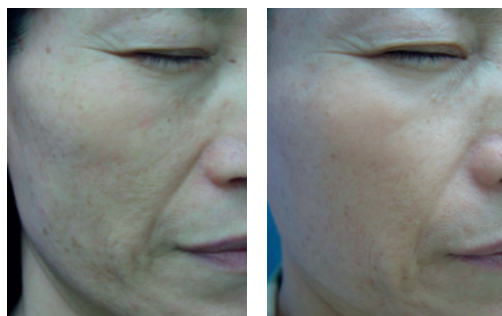
# REGENACR<sup>®</sup> KIT TREATMENT(AUTOLOGOUS CELLULAR REJUVENATION) IN ANTI AGING: AUTOLOGOUS PLATELET-RICH PLASMA (A-PRP<sup>®</sup>)

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RegenACR technique is based on injection of Autologous Platelet-Rich Plasma (A-PRP) into dermis or hypodermis. The aim of the procedure is to reduce wrinkles and rejuvenate aged skin by using the patient's own cells.

Several methods and devices are currently used for skin rejuvenation (laser, radio frequency, peeling & fillers); RegenACR is the only autologous solution, able to provide the following advantages:

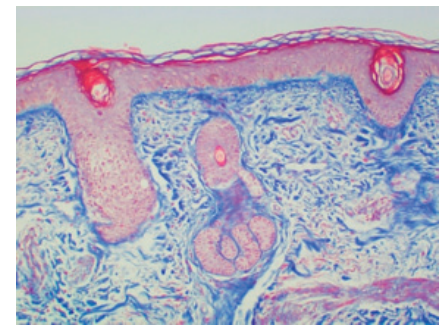
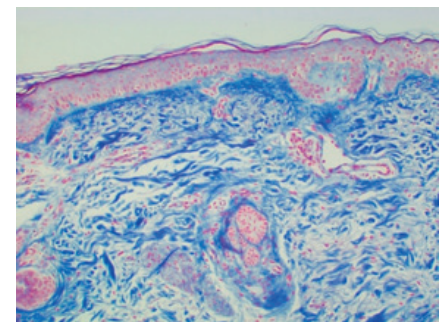
- less downtime
- less painful
- shows faster reaction to reduce facial fine wrinkles with enhancement of skin texture
- is a simple and safe procedure (no allergic reaction, no infection)



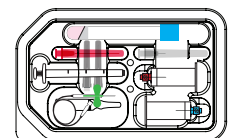
Before treatment

After 3 months

A clinical study for facial skin rejuvenation included 53 patients who underwent a single treatment with A-PRP. For 5 patients skin biopsies were taken at Day 0 and 8 weeks after the treatment to monitor tissue state by Masson's Trichrome staining.

Before treatment  
(Masson's Trichrome).After 8 weeks  
(Masson's Trichrome) .

**Results:** After 2 months 83% of patients rated a more than good enhancement in skin texture and elasticity and 68% of patients in nasolabial fold correction. Furthermore, histochemical analysis showed an increased number of collagen fibers and more homogeneous tissue.



RegenACR<sup>®</sup>Classic

# DERMAL REJUVENATION WITH AUTOLOGOUS PLATELET RICH PLASMA (A-PRP®) GEL

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Injection of Autologous Platelet Rich Plasma, the aim of this procedure is to reduce wrinkles and rejuvenate aged skin by using the patient's own cells.

## Patients and Methods:

- From January 2008 to June 2008
- 5 male, 35 female patients
- Aged 21 years to 72 years
- PRP preparation with RegenACR®Plus.
- 10% CaCl<sub>2</sub> 0,1 ml + PRP 0,9 ml
- ATS 0,3 ml + PRP 0,7 ml

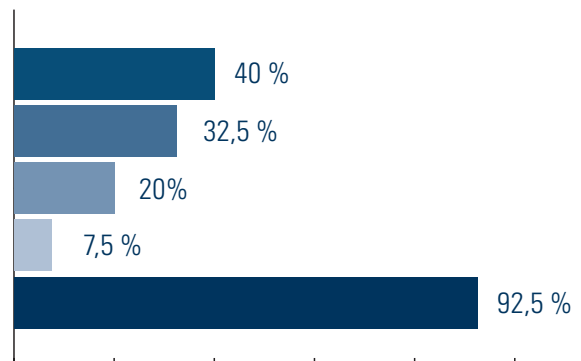
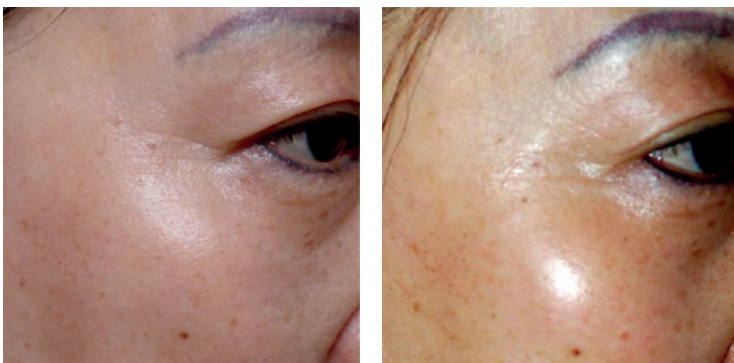
## Results:

### ADVERSE EFFECT :

- No systemic reaction
- No thrombotic responses
- Minimal temporary effect (5% of the patients developed ecchymosis and hematoma that last over one week)

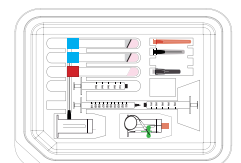
### PATIENTS SATISFACTIONS SCALE

- 92,5 % of the patients related as acceptable or better
- Very good 16 patients (40 %)
- Good 13 patients (32,5 %)
- Acceptable 8 patients (20,0 %)
- Dissatisfied 3 patients (7,5 %)



**Conclusions:** Best response in person with modest wrinkling, in the age group 40 – 60 years A-PRP offers a once-off biologic treatment that lasts for more than 6 months. All person injected respond subjectively with positive improvement of skin complexion. Reversible minor bruising, swelling and erythema may follow treatment. A-PRP injection is a very valuable, affordable, stand-alone or adjunctive biological skin rejuvenation option. Safe and efficient.

RegenACR® Plus



# FACE AND NECK REVITALIZATION WITH AUTOLOGOUS PLATELET-RICH PLASMA (A-PRP®): CLINICAL OUTCOMES IN A SERIES OF 23 CONSECUTIVELY TREATED PATIENTS

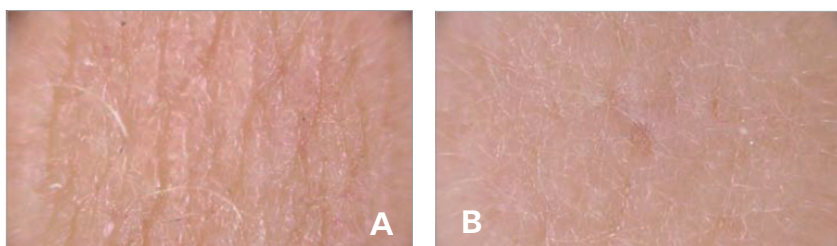
A. redaelli and al.

Journal of drugs in dermatology, issue 5, volume 9, p466-472 May 2010

**Protocol:** patients were treated with one session of A-PRP injections every month for three months. Injections points and injected quantities were standardized. The 4 ml concentrate was entirely used and administered as follows: 1 ml into the upper third of the face (forehead and crow’s feet area); 1 ml into the cheeks, 1 ml into the nasolabial and marionette folds and 1 ml into the neck. Clinical outcomes were evaluated one month after the last session.

**Results:** No serious and persistent side effects were detected. Injective pain (needle and Ca Cl), Infections (0%), Ecchimoses (3%), Bruising (70% of patients for 2 – 3 minutes after injections), Erythema (80% of patients for 1 hour after injections).

Every patient experienced a significant improvement of the micro-pigmentation, as well as of skin texture, elasticity and homogeneity as shown below.



A) Dermoscope picture before the treatment of a cheek.  
B) Dermoscope picture after treatment.

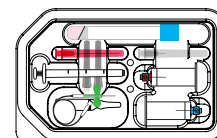
In addition, a volume increase at the injection site of nasolabial folds was detected in 65% of patients.



A- Before treatment.  
B- After treatment.

The technique encountered a high degree of satisfaction among the patient as shown in the table below.

Method of Scoring DGS Improvement		
% of Patients	Result	Score
0	None	0-4
17	Mild	4-8
70	Good	9-16
13	Very Good	17-24
0	Excellent	25-36



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